

IN THE CLAIMS

1. (currently amended) A content distribution server type
~~content delivery system~~, comprising:

a content delivery server that delivers a data stream
for a broadcast program, control information for obtaining data
for a broadcast program, and program information~~broadcast~~
~~contents consisting of a data stream constituting a broadcast~~
~~program, control information for tuning, and program~~
~~information; and~~

a content receiving client that receives the data
stream ~~forenstituting~~ a broadcast program, the control
information for obtaining the broadcast program~~tuning~~, and the
program information and reproduces the broadcast ~~programme~~
~~contents~~ after ~~temporarily~~ storing the broadcast contents,
~~wherein~~~~characterized in that~~

the content delivery server delivers content control
information corresponding to the broadcast program in the
control information for obtaining the program or in the program
information~~the broadcast contents with control information~~
~~concerning copyright protection for contents inserted in a~~
~~section of the control information for tuning or the program~~
~~information, and~~

the content receiving client controls a reproduction
for the received broadcast program based on the content control
information and the copyright protection information in the
control information for obtaining the broadcast program or in
the program information or control~~separation or a recording~~
~~reservation processing operation for the broadcast program based~~
~~on the content control information and the copyright protection~~
~~information in the control information for obtaining the~~
~~broadcast program or in the program information~~~~stored contents~~
~~in accordance with the control information concerning copyright~~

~~protection for contents inserted in the section of the control information for tuning or the program information.~~

2. (currently amended) A content distribution delivery system according to claim 1, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction~~characterized in that~~

~~it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and~~

~~the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.~~

3. (currently amended) A content distribution delivery system according to claim 2, wherein the content receiving client controls a reproduction for the received broadcast program further based on the reproduction control information or controls a recording reservation operation for the broadcast program further based on the reproduction control information~~characterized in that~~

~~in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for tuning or the program information, the receiving client controls a reproduction operation or a recording reservation operation for contents on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of~~

~~reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.~~

4. (currently amended) A content distribution~~delivery~~ system according to claim 2, wherein the content receiving client controls a reproduction for the received broadcast program based on record control data for managing a copy generation of contents in the control information or controls a recording reservation operation for the broadcast program based on record control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information~~characterized in that~~

~~in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, the receiving client controls a reproduction operation or a recording reservation operation for contents on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.~~

5. (currently amended) A content distribution~~delivery~~ apparatus in server type broadcasting, comprising:

means that stores a data stream for~~constituting~~ a broadcast program;

means that generates control information for obtaining data for~~atuning concerning the broadcast program and program information~~; and

means that transmits broadcast contents including~~consisting of~~ the data stream~~constituting the broadcast program, the control information for tuning, and the program information, wherei~~n~~characterized in that~~

the generation means inserts content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information~~control information concerning copyright protection for contents in sections of the control information for tuning or the program information~~, or the transmission means inserts content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information~~control information concerning copyright protection for contents in sections of the control information for tuning or the program information~~ and transmits the control information.

6. (currently amended) A content distribution~~delivery~~ apparatus according to claim 5, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction~~characterized in that~~

~~it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and~~

~~the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.~~

7. (currently amended) A content recording and reproduction apparatus ~~that receives and reproduces broadcast contents in server type broadcasting, comprising:~~

reception means that receives broadcast contents ~~including~~ consisting of a data stream forenstituting a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program in the control information for obtaining the program or in the program information ~~control information for tuning, and program information;~~

storage means that stores the received broadcast contents; and

reproduction means that reproduces contents stored in the storage means, ~~wherein~~ characterized in that

the storage means controls a recording reservation ~~precessing~~ operation for the contents in accordance with the content control information concerning copyright protection for contents inserted in sections of the control information for tuning or the program information, or the reproduction means controls a reproduction for the received broadcast program based on the content control information in the control information for obtaining the broadcast program or in the program information ~~precessing operation for stored contents in accordance with control information concerning copyright protection for contents inserted in sections of the control information for tuning or the program information.~~

8. (currently amended) A content recording and reproduction apparatus according to claim 7, —wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction ~~characterized in that~~

~~it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and~~

~~the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.~~

9. (currently amended) A content recording and reproduction apparatus according to claim 8, wherein characterized in that

in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for obtaining the program tuning or the program information, the storage means controls a recording reservation operation for contents on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information, or the reproduction means controls a reproduction ~~processing~~ operation on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.

10. (currently amended) A content recording and reproduction apparatus according to claim 8, wherein the storage means controls a reproduction for the received broadcast program based on record control data for managing a copy generation of contents in the control information or controls a recording reservation operation for the broadcast program based on record

control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information~~characterized in that~~

~~in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, the storage means controls a recording reservation operation for contents on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents, or the reproduction means controls a reproduction operation on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.~~

11. (currently amended) A content recording and reproduction method ~~of receiving and reproducing broadcast contents in server type broadcasting, comprising:~~

a reception step of receiving broadcast contents ~~including~~consisting of a data stream for constituting a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program or in the program information~~control information for tuning, and program information;~~

a storage step of storing the received broadcast contents; and

a reproduction step of reproducing the contents stored in the storage step, wherein~~characterized in that~~

in the storage step, a recording reservation operation for the contents is controlled in accordance with the content control information or the program information, or in the

reception step, a reproduction for the contents is controlled according to the content control information in the control information for obtaining the broadcast program or in the program information. ~~recording reservation processing operation for contents is controlled in accordance with control information concerning copyright protection for contents inserted in a section of the control information for tuning or the program information or, in the reproduction step, a reproduction processing operation for the stored contents is controlled in accordance with control information concerning copyright protection for contents inserted in the section of the control information for tuning or the program information.~~

12. (currently amended) A content recording and reproduction method according to claim 11, wherein content control information includes at least reproduction control information, and the reproduction control information includes at least one of the number of times of reproduction of contents, restriction of display resolution of reproduced broadband program, and an expiration date of content reproduction. ~~characterized in that~~

~~it is possible to include control information concerning copying of broadcast contents and reproduction control information concerning stored broadcast contents in the control information concerning copyright protection for contents, and~~

~~the reproduction control information includes the number of times of reproduction of contents, restriction of display resolution at the time of reproduction of contents, and an expiration date of content reproduction.~~

13. (currently amended) A content recording and reproduction method according to claim 12, wherein ~~characterized in that~~

in the case in which the reproduction control information concerning stored broadcast contents is included in the section of the control information for obtaining the program~~tuning~~ or the program information, in the storage step, a recording reservation operation for contents is controlled on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information or, in the reproduction step, a reproduction ~~precessing~~ operation is controlled on the basis of the number of times of reproduction of contents, the restriction of display resolution at the time of reproduction of contents, and the expiration date of content reproduction described in the reproduction control information.

14. (currently amended) A content recording and reproduction method according to claim 12, wherein in the storage step a reproduction for the received broadcast program is controlled based on record control data for managing a copy generation of contents in the control information or in the reproduction step recording reservation operation for the broadcast program is controlled based on record control data for managing a copy generation of contents in the control information, when the reproduction control information is not in the control information or the program information~~characterized in that~~

~~in the case in which the reproduction control information concerning stored broadcast contents is not included in the section of the control information for tuning or the program information, in the storage step, a recording reservation operation for contents is controlled on the basis of recording control data for managing a copy generation of~~

~~contents described in the control information concerning copying of broadcast contents or, in the reproduction step, a reproduction operation is controlled on the basis of recording control data for managing a copy generation of contents described in the control information concerning copying of broadcast contents.~~

15. (currently amended) A computer program that is described in a computer readable format so as to execute processing for receiving and reproducing broadcast contents in server type broadcasting on a computer system, comprising:

a reception step of receiving broadcast contents including a data stream for a broadcast program, control information for obtaining data for a broadcast program, program information, and content control information corresponding to the broadcast program or in the program information;

a storage step of storing the received broadcast contents; and

a reproduction step of reproducing the contents stored in the storage step, wherein

in the storage step, a recording reservation operation for the contents is controlled in accordance with the content control information or the program information, or in the reception step, a reproduction for the contents is controlled according to the content control information in the control information for obtaining the broadcast program or in the program information;
~~a reception step of receiving broadcast contents consisting of a data stream constituting a broadcast program, control information for tuning, and program information;~~

~~a storage step of storing the received broadcast contents; and~~

~~a reproduction step of reproducing the contents stored in the storage step, characterized in that~~
~~in the storage step, a recording reservation processing operation for contents is controlled in accordance with control information concerning copyright protection for contents inserted in a section of the control information for tuning or the program information or, in the reproduction step, a reproduction processing operation for the stored contents is controlled in accordance with control information concerning copyright protection for contents inserted in the section of the control information for tuning or the program information.~~

16. (new) A content distribution system according to claim 1, wherein the broadcast contents and the content control information are broadcasted by radio wave.